

## CLAIMS

1. A method of making an ad-hoc group call in a subscriber device of a communications system, the method comprising
  - 5        storing a list of subscribers in a phonebook application in a subscriber device,
    - 10      in response to receiving, via a user interface from a user of the subscriber device, a group call activation with a selection of two or more subscribers from the phonebook, providing appropriate signalling with a group communication service in a network infrastructure for establishing an ad-hoc group call consisting of the selected subscribers and the user of the subscriber device.
  - 15      2. A method according to claim 1, comprising  
                storing presence information of the subscribers in the phonebook application, said presence information including information on the availability of the subscribers for a group call.
  - 20      3. A method according to claim 1 or 2, comprising  
                sending a speech item or a speech item request each time a talk activity is detected or indicated in the subscriber device during a call.
  - 25      4. A method according to claim 1, 2 or 3, comprising  
                opening the phonebook application in response to a predetermined input from the user interface,  
                displaying the list of subscribers on the user interface,  
                in response to the user's selection of two or more subscribers from the list via the user interface, displaying a group communications menu on the user interface, and  
                establishing an ad-hoc group including the user and the selected subscribers in response to the user selecting a predetermined operation in the group communications menu or the user pressing a predetermined button, such as an off-hook button or a push-to-talk switch.
  - 30      5. A method according to claim 1, 2 or 3, comprising  
                opening the phonebook application in response to a predetermined input from the user interface,  
                displaying the list of subscribers on the user interface,  
                receiving the user's selection of two or more subscribers from the list via the user interface, and

establishing an ad-hoc group including the user and the selected subscribers in response to the user pressing a predetermined button, such as an off-hook button or a push-to-talk switch.

6. A subscriber device for a mobile communication system, comprising  
5        ing

a talk group communication means,

a phonebook application means storing a list of subscribers,

means responsive to receiving, via a user interface from a user of the subscriber device, group call activation with a selection of two or more 10 subscribers from the phonebook for providing appropriate signalling with a group communication service in a network infrastructure for establishing an ad-hoc group call consisting of the selected subscribers and the user of the subscriber device.

7. A device according to claim 6, comprising

15        the phonebook application being configured to store presence information of the subscribers, said presence information including information on the availability of the subscribers for a group call.

8. A device according to claim 6 or 7, comprising  
20        said talk group communication means being configured to send a speech item or a speech item request each time a talk activity detector or a push-to-talk switch is activated in the subscriber device during a call.

9. A device according to claim 5, 6 or 7, comprising  
25        the phonebook application being configured to display the list of subscribers on the user interface,

the phonebook application being configured, in response to the user's selection of two or more subscribers from the list via the user interface, to display a group communications menu on the user interface, and

30        the phonebook application being configured to initiate establishment of an ad-hoc group including the user and the selected subscribers in response to the user selecting a predetermined operation in the group communications menu or the user pressing a predetermined button, such as an off-hook button or a push-to-talk switch.

10. A device according to claim 5, 6 or 7, comprising  
35        the phonebook application being configured to display the list of subscribers on the user interface,

the phonebook application being configured, in response to the user's selection of two or more subscribers from the list via the user interface, to display a group communications menu on the user interface, and

- 5 the phonebook application being configured, in response to the user's selection of two or more subscribers from the list via the user interface and the user selecting a predetermined operation in the group communications menu or the user pressing a predetermined button, such as an off-hook button or a push-to-talk switch, to initiate establishment of an ad-hoc group including the user and the selected subscribers.

10 11. A program comprising program code means that, when run in a processor of a subscriber device of a communication system, provide all steps of the method according to any one of claims 1 to 5.

12. A storage medium comprising an executable program that includes  
15 a phonebook application routine configured to store a list of subscribers in a subscriber device of a communications system,  
a routine configured, in response to receiving, via a user interface from a user of the subscriber device, group call activation with a selection of two or more subscribers from the phonebook to provide an appropriate signal-  
20 ling with a group communication service in a network infrastructure for establishing an ac-hoc group call consisting of the selected subscribers and the user of the subscriber device.